AP3 Rec'd PCT/PTO 28 FEB 2006

PATENT Attorney Docket No. 403450/NGB

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

FUJIMOTO et al. Application No. 10/543,168 Filed: July 22, 2005 For: DISCRIMINATION SENSOR RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS Commissioner for Patents U.S. Patent and Trademark Office Customer Service Window, Mail Stop Missing Parts Randolph Building 401 Dulany Street Alexandria, VA 22314 Dear Sir Applicants hereby respond to the Notification of Missing Requirements date February 22, 2006. The items checked below are appropriate: 1. Status of Applicant This application is on behalf of \(\triangle	In re A	application of:				
Application No. 10/543,168 Filed: July 22, 2005 For: DISCRIMINATION SENSOR RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS Commissioner for Patents U.S. Patent and Trademark Office Customer Service Window, Mail Stop Missing Parts Randolph Building 401 Dulany Street Alexandria, VA 22314 Dear Sir Applicants hereby respond to the Notification of Missing Requirements date February 22, 2006. The items checked below are appropriate: 1. Status of Applicant This application is on behalf of ⋈ other than a small entity or ☐ a small entity. 2. Documents Submitted Herewith a. ☐ Executed Declaration of inventor(s) b. ☐ Nucleotide and/or Amino Acid Sequence Submission: i. ☐ Computer Readable Form (CRF) ii. Specification Sequence Listing on: (1) ☐ CD-ROM or CD-R (2 copies); or (2) ☐ Paper Copy iii. ☐ Statement verifying identity of above copies Verified English translation of Missing Requirements e. ☐ Verified English translation of Missing Requirements Substitute Drawings	FUJIM	IOTO et al.		Aut I Init: I Inaggianad		
Filed: July 22, 2005 For: DISCRIMINATION SENSOR RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS Commissioner for Patents U.S. Patent and Trademark Office Customer Service Window, Mail Stop Missing Parts Randolph Building 401 Dulany Street Alexandria, VA 22314 Dear Sir Applicants hereby respond to the Notification of Missing Requirements date February 22, 2006. The items checked below are appropriate: 1. Status of Applicant This application is on behalf of ⋈ other than a small entity or □ a small entity. 2. Documents Submitted Herewith a. ⋈ Executed Declaration of inventor(s)	Application No. 10/543,168			_		
Commissioner for Patents U.S. Patent and Trademark Office Customer Service Window, Mail Stop Missing Parts Randolph Building 401 Dulany Street Alexandria, VA 22314 Dear Sir Applicants hereby respond to the Notification of Missing Requirements date February 22, 2006. The items checked below are appropriate: 1. Status of Applicant This application is on behalf of ⋈ other than a small entity or ☐ a small entity. 2. Documents Submitted Herewith a. ⋈ Executed Declaration of inventor(s) b. ⋈ Nucleotide and/or Amino Acid Sequence Submission: i. ☐ Computer Readable Form (CRF) ii. Specification Sequence Listing on: (1) ☐ CD-ROM or CD-R (2 copies); or (2) ☐ Paper Copy iii. ☐ Statement verifying identity of above copies C. ☐ Verified English translation of Missing Requirements e. ☐ Substitute Drawings	Filed:	July 22, 2005		Examiner: Unassigned		
Commissioner for Patents U.S. Patent and Trademark Office Customer Service Window, Mail Stop Missing Parts Randolph Building 401 Dulany Street Alexandria, VA 22314 Dear Sir Applicants hereby respond to the Notification of Missing Requirements date February 22, 2006. The items checked below are appropriate: 1. Status of Applicant This application is on behalf of interest of the interest of t	For:	DISCRIMINA	ATION SENSOR			
U.S. Patent and Trademark Office Customer Service Window, Mail Stop Missing Parts Randolph Building 401 Dulany Street Alexandria, VA 22314 Dear Sir Applicants hereby respond to the Notification of Missing Requirements date February 22, 2006. The items checked below are appropriate: 1. Status of Applicant This application is on behalf of ⋈ other than a small entity or □ a small entity. 2. Documents Submitted Herewith a. ⋈ Executed Declaration of inventor(s) b. □ Nucleotide and/or Amino Acid Sequence Submission: i. □ Computer Readable Form (CRF) ii. Specification Sequence Listing on: (1) □ CD-ROM or CD-R (2 copies); or (2) □ Paper Copy iii. □ Statement verifying identity of above copies Verified English translation of application d. ⋈ Copy of the Notification of Missing Requirements e. □ Substitute Drawings		RESPONS	SE TO NOTIFICATION OF	MISSING REQUIREMENTS		
Applicants hereby respond to the Notification of Missing Requirements date February 22, 2006. The items checked below are appropriate: 1. Status of Applicant This application is on behalf of other than a small entity or a small entity. 2. Documents Submitted Herewith a. Executed Declaration of inventor(s) b. Nucleotide and/or Amino Acid Sequence Submission: i. Computer Readable Form (CRF) ii. Specification Sequence Listing on: (1) CD-ROM or CD-R (2 copies); or (2) Paper Copy iii. Statement verifying identity of above copies c. Verified English translation of application d. Copy of the Notification of Missing Requirements e. Substitute Drawings	U.S. P. Custor Rando 401 Da	atent and Trade ner Service Wilph Building Lalany Street	emark Office indow, Mail Stop Missing Part	s		
The items checked below are appropriate: 1. Status of Applicant This application is on behalf of ⋈ other than a small entity or ☐ a small entity. 2. Documents Submitted Herewith a. ☐ Executed Declaration of inventor(s) b. ☐ Nucleotide and/or Amino Acid Sequence Submission: i. ☐ Computer Readable Form (CRF) ii. Specification Sequence Listing on: (1) ☐ CD-ROM or CD-R (2 copies); or (2) ☐ Paper Copy iii. ☐ Statement verifying identity of above copies c. ☐ Verified English translation of application d. ☐ Copy of the Notification of Missing Requirements e. ☐ Substitute Drawings	Dear S	ir				
This application is on behalf of ⋈ other than a small entity or ☐ a small entity. 2. Documents Submitted Herewith a. ☐ Executed Declaration of inventor(s) b. ☐ Nucleotide and/or Amino Acid Sequence Submission: i. ☐ Computer Readable Form (CRF) ii. Specification Sequence Listing on: (1) ☐ CD-ROM or CD-R (2 copies); or (2) ☐ Paper Copy iii. ☐ Statement verifying identity of above copies c. ☐ Verified English translation of application d. ☐ Copy of the Notification of Missing Requirements e. ☐ Substitute Drawings	Februa		reby respond to the Noti	fication of Missing Requirements dated		
This application is on behalf of other than a small entity or a small entity. 2. Documents Submitted Herewith a. Executed Declaration of inventor(s) b. Nucleotide and/or Amino Acid Sequence Submission: i. Computer Readable Form (CRF) ii. Specification Sequence Listing on: (1) CD-ROM or CD-R (2 copies); or (2) Paper Copy iii. Statement verifying identity of above copies c. Verified English translation of application d. Copy of the Notification of Missing Requirements e. Substitute Drawings		The items che	ecked below are appropriate:			
2. Documents Submitted Herewith a.	1.	Status of App	plicant			
a. Executed Declaration of inventor(s) b. Nucleotide and/or Amino Acid Sequence Submission: i. Computer Readable Form (CRF) ii. Specification Sequence Listing on: (1) CD-ROM or CD-R (2 copies); or (2) Paper Copy iii. Statement verifying identity of above copies verified English translation of application d. Copy of the Notification of Missing Requirements substitute Drawings		This applicati	on is on behalf of 🔀 other tha	n a small entity or a small entity.		
b. Nucleotide and/or Amino Acid Sequence Submission: i. Computer Readable Form (CRF) ii. Specification Sequence Listing on: (1) CD-ROM or CD-R (2 copies); or (2) Paper Copy iii. Statement verifying identity of above copies verified English translation of application d. Copy of the Notification of Missing Requirements e. Substitute Drawings	2.	Documents S	ubmitted Herewith			
		b. Nucleotide and/or Amino Acid Sequence Submission: i. Computer Readable Form (CRF) ii. Specification Sequence Listing on: (1) CD-ROM or CD-R (2 copies); or (2) Paper Copy iii. Statement verifying identity of above copies c. Verified English translation of application d. Copy of the Notification of Missing Requirements e. Substitute Drawings				

In re Appln. of FUJIMOTO et al. Application No. 10/543,168

3.	Fees .					
	Application Fi	ling Fee				
		No application filin Application filing fo	g fee due ee due in amount calo	culated below:		
BASIC	FEE (\$300 FILING	FEE + \$200 EXAMI	NATION FEE + \$500 SI	EARCH FEE)	\$1,000.	00
	CLAIMS	Number Filed	Number Extra	RATE	,	
Total	Claims	-20=		x \$50.00	\$	
Indepe	endent Claims	- 3=		x \$200.00	\$	
☐ Mı	ultiple Dependen	t Claim(s) if application	able	+\$360.00	\$	
Ar	plication Size Fe	e (\$250 for each ac	lditional 50 sheets ov	er 100)	\$	
			Total of above	calculations =	\$	
		Reduction	by 50% for filing by	small entity =	\$()
			Fee A	lready Paid =	\$	
	··			Fee Due =	\$	
	Pursuant to 37 (a small entity or	CFR 1.16(e), the su	rcharge for filing this	s Response is fo		er than 130.00
5.	Non-English S	pecification Surch	arge			
		CFR 1.17(i), the su ecification is includ	rcharge for submittined.	ng an English tra	anslation	of the
				Fee Du	e \$	0.00
6.	Extension of T	ime				
		s petition for a one ich is \$120.00.	-month extension of	time under 37	CFR 1.13	36, the
	conditiona	l petition is bei have inadvertently	extension of time ing made to prov v overlooked the ne	ide for the p	However possibility on and f	y that
				Fee I	Due	\$0.00

In re Appln. of FUIIMOTO et al. Application No. 10/543,168

7. Total Fee Due

The total fee due is:

Application Filing Fee	\$	
Late Filing of Declaration Surcharge	\$1	30.00
Non-English Specification Surcharge	\$	0.00
Extension of Time Fee	\$	0.00

Total Fee Due \$130.00

8. Fee Payment

Attached is a check in the sum of \$.

Charge Account No. 12-1216 the sum of \$130.00. A duplicate of this transmittal is attached.

9. Fee Deficiency

If any additional fee is required in connection with this communication, charge Account No. 12-1216. A duplicate of this transmittal is attached.

Jeffrey A Wyand Reg No. 29,458

LEYDIG, VOIT & MĂYER

700 Thirteenth Street, N.W., Suite 300

Washington, DC 20005-3960 (202) 737-6770 (telephone) (202) 737-6776 (facsimile)

Date:

Missing Parts Response (Revised 1/14/05)

03/02/2006 GFREY1 00000073 121216 10543168

01 FC:1617 130.00 DA

PRIORITY DATE



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

U.S. APPLICATION NUMBER NO. FIRST NAMED APPLICANT ATTY. DOCKET NO.

10/543.168 Jun Fujimoto 03450/NGB

INTERNATIONAL APPLICATION NO.
PCT/JP04/00487

I.A. FILING DATE

23548 LEYDIG VOIT & MAYER, LTD 700 THIRTEENTH ST. NW SUITE 300 WASHINGTON, DC 20005-3960

01/21/2004 01/23/2003

CONFIRMATION NO. 5513 371 FORMALITIES LETTER

*OC00000018086057

Date Mailed: 02/22/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 07/22/2005
- English Translation of the IA filed on 07/22/2005
- Copy of the International Search Report filed on 07/22/2005
- Preliminary Amendments filed on 07/22/2005
- Information Disclosure Statements filed on 07/22/2005
- Request for Immediate Examination filed on 07/22/2005
- U.S. Basic National Fees filed on 07/22/2005
- Priority Documents filed on 07/22/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:



• \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

ANITA D JOHNSON

Telephone: (703) 308-9140 EXT 226

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/543,168	PCT/JP04/00487	03450/NGB

FORM PCT/DO/EO/905 (371 Formalities Notice)